

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11	(US-5271034-\$ or US-4972431-\$ or US-7027486-\$ or US-H002155-\$ or US-6229998-\$ or US-6642884-\$ or US-6633255-\$ or US-5612978-\$ or US-6204808-\$ or US-6175602-\$ or US-5721694-\$).did.	USPAT	OR	OFF	2007/11/28 08:00
S1	19	("20010034210" "20010046256" "5157697" "5430894" "5535237" "5717403" "5737715" "5841396" "6052421" "6067045" "6091785" "6204808" "6211819" "6222483" "6229998" "6236354" "6292520" "6323803" "6701253").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/26 14:51
S2	5	"6317077"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 13:58
S3	380615	"165"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 13:58
S4	4	((("6317077") or ("4453165") or ("6369754") or ("20030090413"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/26 13:58
S5	25612	(gps or sps or galileo or glonass) and satellite	US-PGPUB; USPAT	OR	OFF	2007/11/26 14:51
S6	202	S5 and power adj spectrum	US-PGPUB; USPAT	OR	OFF	2007/11/26 14:52
S7	77	S6 and noise and fft	US-PGPUB; USPAT	OR	OFF	2007/11/26 15:01
S8	12	bryant-roder\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 15:01
S9	11	dempster-andre\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 15:03
S10	7	dougan-stanl\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 15:03
S11	3	hobbs-trevor\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 15:03

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S12	9	glennon-eamonn\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 15:03
S13	17	S8 or S9 or S10 or S11 or S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 15:03
S14	7	("20010048387"   "6067045"   "6075987"   "6204808"   "6222483").PN. OR ("6642884"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/26 15:14
S15	2	((("6300899") or ("6121923"))).PN.	USPAT	OR	OFF	2007/11/26 15:14
S16	75	("4112372"   "4601005"   "4701934"   "4754283"   "4968981"   "4972431"   "5036330"   "5036523"   "5081462").PN. OR ("5271034"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/26 15:32
S18	14	("3898437"   "4367526"   "4419655"   "4764666"   "4910677"   "5043889"   "5095430"   "5127044"   "5245537"   "5261820"   "5271034"   "5319548"   "5326095"   "5364093").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/26 15:40
S19	6	("4321678"   "4698781"   "4815020"   "4879658"   "4910677"   "4922444").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/26 15:54
S20	509	signal adj power and power adj spectrum and fft and averag\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 15:55
S21	18	S20 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 15:55
S22	2699	((375/148) or (375/144) or (375/150)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/26 15:56
S23	213	S22 and power adj spectr\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 15:57
S24	21	S23 and fft and averag\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 15:57

## EAST Search History

S25	8	("5410750"   "5612978"   "5671247"   "5907624"   "5974101"   "6009129"   "6285718"   "6370133").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/26 16:05
S26	2	("4882579"   "5430759").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/26 16:10
S27	23	(US-5271034-\$ or US-6642884-\$ or US-6222483-\$ or US-6204808-\$ or US-7266142-\$ or US-6067045-\$ or US-H002155-\$ or US-7027486-\$ or US-6151353-\$ or US-4601005-\$ or US-5081462-\$ or US-6477196-\$ or US-5892793-\$ or US-5844936-\$ or US-5410750-\$ or US-6292520-\$ or US-6052421-\$ or US-5671247-\$ or US-5612978-\$ or US-5535237-\$ or US-6229998-\$ or US-5430894-\$). did. or (WO-2059639-\$).did.	USPAT; EPO	OR	OFF	2007/11/27 07:12
S28	1178	spectral with averaging	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/27 07:13
S29	12	S28 and fft and kalman and noise	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/27 07:18
S30	1096	((702/190) or (702/191) or (702/192) or (702/193) or (702/194) or (702/195) or (702/199)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/27 07:19
S31	601	S30 and receiv\$3 and detect\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/27 07:20
S32	73	S31 and fft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/27 09:02
S33	1096	((702/190) or (702/191) or (702/192) or (702/193) or (702/194) or (702/195) or (702/199)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/27 09:02
S34	601	S33 and receiv\$3 and detect\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/27 09:02

## EAST Search History

S35	55	S34 and weak and noise	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/27 09:08
S36	0	power adj spectr\$2 and noise with averaging and fft with filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/27 09:09
S37	70	power adj spectr\$2 and noise with averaging and fft with filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/27 09:09
S38	25	("3493866"   "4203070"   "4280219"   "4619002"   "4871973"   "4962508"   "4969160"   "5272724"   "5396521"   "5416802"   "5574750"   "5596323").PN. OR ("5974098").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 09:25
S39	3	("4456959" "4982150" "5400265").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 09:25
S40	21	("4628529"   "4630304"   "4630305"   "4703507"   "4737976"   "4811404"   "4852175"   "5012519"   "5408532"   "5432859"   "5544250"   "5602962"   "5687243"   "5740256"   "5757937"   "5893056"   "5903853"   "5995567"   "6070137"   "6157670"   "6175602").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 09:30
S41	25	("3493866"   "4203070"   "4280219"   "4619002"   "4871973"   "4962508"   "4969160"   "5272724"   "5396521"   "5416802"   "5574750"   "5596323").PN. OR ("5974098").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 09:37
S42	1084	(342/357.12).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/27 09:37
S43	72	S42 and ((power adj spectr\$3) or (spectr\$2 with (estimat\$3 or analysis)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/27 09:39
S44	71	S43 and (weak or noise or noisy or interference)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/27 09:39

## EAST Search History

S45	1	("5459473").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 13:09
S50	35	(US-20020084933-\$).did. or (US-5271034-\$ or US-6642884-\$ or US-6222483-\$ or US-6204808-\$ or US-6067045-\$ or US-H002155-\$ or US-7027486-\$ or US-6151353-\$ or US-4601005-\$ or US-5081462-\$ or US-6477196-\$ or US-5892793-\$ or US-5844936-\$ or US-5410750-\$ or US-6292520-\$ or US-6052421-\$ or US-5671247-\$ or US-5612978-\$ or US-5535237-\$ or US-6229998-\$ or US-5430894-\$ or US-5515300-\$ or US-5721694-\$ or US-6629063-\$ or US-5974098-\$ or US-6175602-\$). did. or (US-4982150-\$ or US-5687243-\$ or US-5012519-\$ or US-4203070-\$ or US-6633255-\$ or US-5459473-\$ or US-6873288-\$). did. or (WO-2059639-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/27 13:17
S51	18	("20030016169"   "20030021237"   "20030128158"   "4457006"   "4578678"   "4754283"   "4847862"   "4928106"   "4972431"   "5271034"   "5467282"   "5535278"   "5621416"   "5689271"   "5963582"   "6044071"   "6125135"   "6148022").PN. OR ("H002155"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 15:05
S52	11	(US-5271034-\$ or US-6642884-\$ or US-6204808-\$ or US-H002155-\$ or US-7027486-\$ or US-5612978-\$ or US-6229998-\$ or US-5721694-\$ or US-6175602-\$ or US-6633255-\$ or US-4972431-\$).did.	USPAT	OR	OFF	2007/11/27 16:10